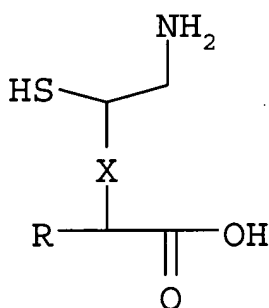


AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A compound comprising a polypeptide, the polypeptide having at a C-terminal end a pseudo amino acid, wherein the pseudo amino acid ~~having~~ has a side chain containing a 1-amino-2-thiol moiety.

2. **(Currently Amended)** A compound according to claim 1, wherein the polypeptide comprises the structure:



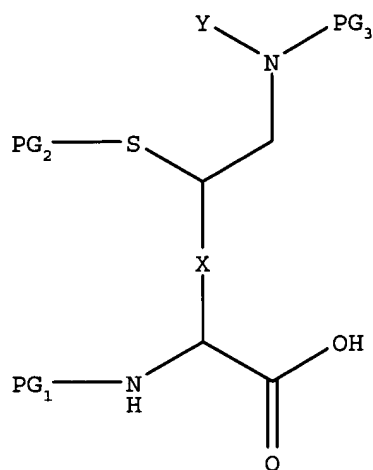
wherein:

R is a polypeptide chain;

X is a linker.

3. **(Currently Amended)** A compound according to claim 2, wherein the linker comprises $(\text{CH}_2)_n$, wherein ~~where~~ n is 0 to 6, ~~preferably 4~~.

4. (Original) A protected pseudo amino acid comprising the structure



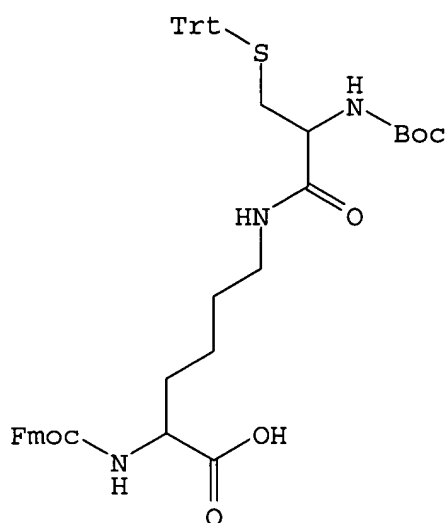
wherein:

Y is optionally H or other suitable residue; and

PG₁, PG₂ and PG₃ are different protecting groups.

5. **(Currently Amended)** A protected pseudo amino acid according to claim 4, wherein the protecting groups are selected from the listed consisting of FMOC, BOC or Trt.

6. (Original) A protected pseudo amino acid according to claim 5 having the structure:



7. (Original) A process of producing a pseudo cysteine comprising the steps according to Figure 2.

8. (Original) A pseudo cysteine obtained by the method of claim 7.

9. (Original) A pseudo cysteine obtainable by the method of claim 7.

10. **(Currently Amended)** The use of a polypeptide of claim 1 ~~-3, a pseudo amino acid of claim 4-6 or a pseudo cysteine of claim 8-9~~, for producing a peptide, [[or]] a protein by native chemical ligation, a homodimer, a heterodimer, or an oligomer.

11. **(Currently Amended)** The use of ~~a polypeptide of claim 1-3, a pseudo amino acid of claim 4 -6 or a pseudo cysteine of claim 8-9~~, for producing a peptide, a protein by native chemical ligation, a homodimer, a heterodimer, or an oligomer.

12. **(Currently Amended)** The use of ~~a polypeptide of claim 1-3, a pseudo amino acid of claim 4-6 or~~ a pseudo cysteine of claim 7 ~~[[8-9,]]~~ for producing a peptide, a protein by native chemical ligation, a homodimer, a heterodimer, or an oligomer.

13. **(Cancelled).**

14. **(New)** A compound according to claim 3, wherein the n is 4.